

EAST Search History

R.A.

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|--------|------------------------------------|---|------------------|---------|------------------|
| S1 | 820 | koji near3 shimizu | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/09/12 08:32 |
| S2 | 580 | ito near2 akihiko | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/09/12 08:32 |
| S3 | 19 | S1 & S2 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/09/12 08:33 |
| S4 | 1447 | 345/100.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/09/12 13:32 |
| S5 | 258695 | (select\$4 near4 circuit\$2) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/09/12 08:34 |
| S6 | 609 | S4 & S5 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/09/12 08:35 |
| S7 | 375817 | (select\$4 near3 signal\$1) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/09/12 08:38 |
| S8 | 114102 | S5 & S7 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/09/12 08:38 |
| S9 | 486 | S4 & S8 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/09/12 08:38 |
| S10 | 63623 | (de\$1multiplex\$4) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/09/12 14:47 |
| S11 | 381559 | (de\$1multiplex\$4 multiplex\$4) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/09/12 08:39 |

EAST Search History

| | | | | | | |
|-----|---------|--|---|----|-----|------------------|
| S12 | 134 | S9 & S11 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/09/12 08:43 |
| S13 | 17554 | ((data video) near3 line near3 select\$4) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/09/12 08:43 |
| S14 | 1739 | S11 same S13 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/09/12 08:44 |
| S15 | 170 | S10 same S13 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/09/12 08:44 |
| S16 | 367645 | (tim\$3 near3 generat\$4) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/09/12 08:44 |
| S17 | 1238778 | ((tim\$3 signal\$3) near3 generat\$4) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/09/12 08:45 |
| S18 | 3 | S15 same S16 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/09/12 08:45 |
| S19 | 13 | S15 same S17 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/09/12 08:45 |
| S20 | 304 | S4 & S11 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/09/12 09:06 |
| S21 | 52 | S4 & S10 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/09/12 09:09 |
| S22 | 2 | "6980195".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/09/12 09:31 |
| S23 | 9 | "2325329" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/09/12 09:31 |
| S24 | 1 | 1998-560245.NRAN. | DERWENT | OR | OFF | 2006/09/12 09:35 |

EAST Search History

| | | | | | | |
|-----|--------|--|---|----|-----|------------------|
| S25 | 1 | "5170158".pn. | DERWENT | OR | OFF | 2006/09/12 09:43 |
| S26 | 17826 | (data near3 driv\$3) | DERWENT | OR | OFF | 2006/09/12 09:43 |
| S27 | 244 | S11 same S26 | DERWENT | OR | OFF | 2006/09/12 09:43 |
| S28 | 46 | S10 same S26 | DERWENT | OR | OFF | 2006/09/12 09:46 |
| S29 | 71 | S10 & S26 | DERWENT | OR | OFF | 2006/09/12 09:46 |
| S30 | 25 | S29 not S28 | DERWENT | OR | OFF | 2006/09/12 09:51 |
| S31 | 25321 | ((data column video) near3 (driv\$3)) | DERWENT | OR | OFF | 2006/09/12 13:26 |
| S32 | 89 | S10 & S31 | DERWENT | OR | OFF | 2006/09/12 09:51 |
| S33 | 18 | S32 not S29 | DERWENT | OR | OFF | 2006/09/12 09:53 |
| S34 | 312 | S5 same S31 | DERWENT | OR | OFF | 2006/09/12 09:55 |
| S35 | 73899 | (switch\$3 near3 signal\$1) | DERWENT | OR | OFF | 2006/09/12 13:35 |
| S36 | 9 | S34 & S35 | DERWENT | OR | OFF | 2006/09/12 09:55 |
| S37 | 51 | S31 & (S5 S11) & S35 | DERWENT | OR | OFF | 2006/09/12 13:34 |
| S38 | 75221 | ((signal image display) near3 (driv\$3)) | DERWENT | OR | OFF | 2006/09/12 13:30 |
| S39 | 243 | S38 & (S5 S11) & S35 | DERWENT | OR | OFF | 2006/09/12 13:28 |
| S40 | 0 | "345"/\$!.ccls. | DERWENT | OR | OFF | 2006/09/12 13:28 |
| S41 | 0 | "345"/\$!.ccls. | DERWENT | OR | OFF | 2006/09/12 13:29 |
| S42 | 0 | ("345"/\$!).ccls. | DERWENT | OR | OFF | 2006/09/12 13:29 |
| S43 | 0 | "345"/\$3.ccls. | DERWENT | OR | OFF | 2006/09/12 13:29 |
| S44 | 425616 | ((signal image display) near3 (driv\$3)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/09/12 13:31 |
| S45 | 518914 | ((signal image display data column) near3 (driv\$3)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/09/12 14:47 |
| S46 | 76726 | "345"/\$!.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/09/12 13:32 |
| S47 | 9441 | S10 & S45 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/09/12 13:32 |
| S48 | 1677 | S10 same S45 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/09/12 13:32 |

EAST Search History

| | | | | | | |
|-----|---------|--|---|----|-----|------------------|
| S49 | 397814 | (switch\$3 near3 signal\$1) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/09/12 14:49 |
| S50 | 175 | S45 & (S5 S10) & S49 | DERWENT | OR | OFF | 2006/09/12 14:19 |
| S51 | 11 | S45 & S10 & S49 | DERWENT | OR | OFF | 2006/09/12 14:20 |
| S52 | 4 | "5051739".pn. "5712653".pn. "5870071".pn. "6232939".pn. | DERWENT | OR | OFF | 2006/09/12 14:07 |
| S53 | 1361 | signal\$1 near3 (both oppos\$4) near4 (end\$1 side\$1) | DERWENT | OR | OFF | 2006/09/12 14:08 |
| S54 | 27 | (supply\$3 near3 signal\$1 near3 (both oppos\$4) near4 (end\$1 side\$1)) | DERWENT | OR | OFF | 2006/09/12 14:20 |
| S55 | 23962 | S45 & (S5 S10) & S49 | US-PGPUB; USPAT; JPO; DERWENT | OR | OFF | 2006/09/12 14:19 |
| S56 | 3405 | S45 & S10 & S49 | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2006/09/12 14:21 |
| S57 | 166 | (supply\$3 near3 signal\$1 near3 (both oppos\$4) near4 (end\$1 side\$1)) | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2006/09/12 14:20 |
| S58 | 1 | S56 & S57 | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2006/09/12 14:20 |
| S59 | 173 | S46 & S56 | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2006/09/12 14:33 |
| S60 | 2 | "6566643".pn. "6650462".pn. | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2006/09/12 14:34 |
| S61 | 633113 | ((signal image display data column source) near3 (driv\$3)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/09/12 14:47 |
| S62 | 64548 | (de\$1multiplex\$4 de\$1mux\$1) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/09/12 14:47 |
| S63 | 1430364 | ((switch\$3 control\$4) near3 signal\$1) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/09/12 14:49 |

EAST Search History

| | | | | | | |
|-----|--------|---|---|----|-----|------------------|
| S64 | 8025 | S61 & S62 & S63 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/09/12 14:49 |
| S65 | 425 | S46 & S64 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/09/12 14:50 |
| S66 | 252 | S65 not S59 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/09/12 16:21 |
| S67 | 219691 | (control near3 signal\$1 near3 generat\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/09/12 16:23 |
| S68 | 1704 | ((control near3 signal\$1 near3 generat\$3) same ((both oppos\$4) near4 (end\$1 side\$1))) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/09/12 16:32 |
| S69 | 602 | S61 & S68 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/09/12 16:24 |
| S70 | 164 | S61 same S68 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/09/12 16:24 |
| S71 | 5 | ((supply\$3 feed\$3 provid\$3 deliver\$3) near6 (control near3 signal\$1 near3 generat\$3) near6 ((both oppos\$4) near4 (end\$1 side\$1))) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/09/12 16:35 |
| S72 | 81 | ((supply\$3 feed\$3 provid\$3 deliver\$3) near6 (control near3 signal\$1 near3 generat\$3) same ((both oppos\$4) near4 (end\$1 side\$1))) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/09/12 16:41 |
| S73 | 58 | ((supply\$3 feed\$3 provid\$3 deliver\$3) near6 (signal\$1 near3 generat\$3) near4 ((both oppos\$4) near4 (end\$1 side\$1))) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/09/12 16:43 |
| S74 | 53 | S73 not S72 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/09/12 16:42 |

EAST Search History

| | | | | | | |
|-----|-------|---|---|----|-----|------------------|
| S75 | 1212 | ((supply\$3 feed\$3 provid\$3 deliver\$3) near6 (signal\$1) near4 ((both oppos\$4) near4 (end\$1 side\$1))) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/09/12 17:17 |
| S76 | 76726 | "345"/\$!.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/09/12 16:59 |
| S77 | 53 | S75 & S76 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/09/12 16:59 |
| S78 | 854 | ((supply\$3 feed\$3 provid\$3 deliver\$3) near6 (signal\$1) near4 ((first & second) near4 (end\$1 side\$1))) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/09/12 17:01 |
| S79 | 35 | S76 and S78 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/09/12 17:01 |
| S80 | 9 | ("5745087" "5748164" "6160535" "6169532").PN. OR ("6262702").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/09/12 17:14 |
| S81 | 9 | ((supply\$3 feed\$3 provid\$3 deliver\$3 apply\$3) near6 ("same" adj signal\$1) near4 ((both oppos\$4) near4 (end\$1 side\$1))) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/09/13 08:51 |
| S82 | 0 | ((supply\$3 feed\$3 provid\$3 deliver\$3 apply\$3) near6 ("same" adj signal\$1) near4 ((first & second) near4 (end\$1 side\$1))) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/09/12 17:28 |
| S83 | 0 | ((supply\$3 feed\$3 provid\$3 deliver\$3 apply\$3) near6 ("same" adj signal\$1) near4 ((first & second) same (end\$1 side\$1))) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/09/13 09:17 |
| S84 | 15 | ("5686936" "5708454" "5764207" "5801673" "5959600" "6037923" "6072457").PN. OR ("6531996").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/09/12 17:58 |
| S85 | 60 | ((supply\$3 feed\$3 provid\$3 deliver\$3 apply\$3) near6 ("same" adj signal\$1) same ((both oppos\$4) near4 (end\$1 side\$1))) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/09/12 18:10 |
| S86 | 51 | S85 not S81 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/09/12 18:10 |

EAST Search History

| | | | | | | |
|-----|------|--|---|----|-----|------------------|
| S87 | 3 | ((supply\$3 feed\$3 provid\$3 deliver\$3 apply\$3) near6 ("same" adj signal\$1) near4 ((both oppos\$4) near4 (terminal\$1))) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/09/13 08:37 |
| S88 | 1 | ((supply\$3 feed\$3 provid\$3 deliver\$3 apply\$3) near6 ("same" adj signal\$1) near4 ((first & second) same (terminal\$1))) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/09/13 08:39 |
| S89 | 18 | (re\$1enforc\$3 near3 signal) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/09/13 08:41 |
| S90 | 1284 | (control\$4 near6 (("same" adj signal\$1 pulse\$1 voltage\$1) near4 (first & second) same (end\$1 side\$1))) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/09/13 08:44 |
| S91 | 5 | (control\$4 near6 (("same" adj signal\$1) near4 ((both oppos\$4) near4 (end\$1 side\$1)))) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/09/13 08:44 |
| S92 | 2 | (control\$4 near6 (("same" adj (signal\$1 pulse\$1 voltage\$1)) near4 (first & second) same (end\$1 side\$1))) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/09/13 08:48 |
| S93 | 9 | (control\$4 near6 (("same" adj (signal\$1 voltage\$1 pulse\$1)) near4 ((both oppos\$4) near4 (end\$1 side\$1)))) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/09/13 08:47 |
| S94 | 13 | (generat\$4 near6 (("same" adj (signal\$1 voltage\$1 pulse\$1)) near4 ((both oppos\$4) near4 (end\$1 side\$1))) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/09/13 08:48 |
| S95 | 1 | (generat\$4 near6 (("same" adj (signal\$1 pulse\$1 voltage\$1)) near4 (first & second) same (end\$1 side\$1))) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/09/13 08:48 |
| S96 | 106 | ((generat\$4 supply\$3 feed\$3 provid\$3 deliver\$3 apply\$3) near6 ("same" adj3 (signal\$1 puls\$3 voltage\$1)) near4 ((both oppos\$4) near4 (end\$1 side\$1))) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/09/13 09:23 |
| S97 | 7 | ("5686936" "5973658" "6163310" "6369786" "6437767" "6456353").PN. OR ("6670940").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/09/13 09:14 |

EAST Search History

| | | | | | | |
|----------|-------|--|---|----|-----|------------------|
| S98 | 5 | ((generat\$4 supply\$3 feed\$3 provid\$3 deliver\$3 apply\$3) near6 ("same" adj (signal\$1 puls\$3 voltag\$3)) near4 ((first & second) same (end\$1 side\$1))) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/09/13 09:22 |
| S99 | 21 | ((generat\$4 supply\$3 feed\$3 provid\$3 deliver\$3 apply\$3) near6 ("same" adj (signal\$1 puls\$3 voltag\$3)) near4 ((first & second) same (end\$1 side\$1 terminal\$1))) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/09/13 09:22 |
| S10 0 | 150 | ((generat\$4 supply\$3 feed\$3 provid\$3 deliver\$3 apply\$3) near6 ("same" adj3 (signal\$1 puls\$3 voltage\$1)) near4 ((both oppos\$4) near4 (end\$1 side\$1 terminal\$1))) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/09/13 09:23 |
| S10 1 | 16 | S99 not S98 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/09/13 09:24 |
| S10 2 | 44 | S100 not S96 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/09/13 12:34 |
| S10 3 | 17122 | (345/87-100,204-213,690-699).ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/09/13 13:09 |